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Form PTO-1390 (REV-0-95) U. S. Department of Commerce Patent and Trademark Office ATTORNEY'S DOCKET NUMBER PR/3-23156/A/RAI 56/PCT U.S. APPLICATION NO. (If known, see 37 CFR 1.5) TRANSMITTAL LETTER TO THE UNITED STATES 10/517413 **DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371** INTERNATIONAL APPLICATION NO. PRIORITY DATE CLAIMED INTERNATIONAL FILING DATE GB 03/02534 **JUNE 12, 2003 JUNE 12, 2002** TITLE OF INVENTION PAPER SIZING COMPOSITION APPLICANT(S) FOR DO/EO/US KENNETH SUNDBERG, JOHN ROBERTS, CLAES ZETTER AND GOUMEI PENG

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

| 1. 🗹    | This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.  |
|---------|--|
| 2. 🗆    | This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.                    |
| 3. 🗆    | This express request to begin national examination procedures (35 U.S.C. 371(f) at any time rather than delay examination    |
|         | until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39 (1).                    |
| 4. ☑    | A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority      |
|         | date.  |
| 5. 🗹    | A copy of the International Application as filed (35 U.S.C. 371(c)(2))   |
|         | a. $\square$ is transmitted herewith (required only if not transmitted by the International Bureau).                         |
|         | b.  has been transmitted by the International Bureau. (See attached Form PCT/IB/308)   |
|         | c. □ is not required, as the application was filed in the United States Receiving Office (RO/US).                            |
| 6. 🗆    | A translation of the International Application into English 35.U.S.C. 371(c)(2)).  |
|         |  |
| 7. 🗹    | Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C.371(c)(3)).                         |
|         | a. $\square$ are transmitted herewith (required only if not transmitted by the International Bureau).                        |
|         | b.  have been transmitted by the International Bureau.   |
|         | c. $\square$ have not been made; however, the time limit for making such amendments has NOT expired.                         |
|         | d. 🗹 have not been made and will not be made.  |
| 8. 🗆    | A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).                                   |
| 9. 🗆    | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).   |
| 10. 🗆   | A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). |
|         | ,  |
|         |  |
| Items 1 | 1. to 16. below concern document(s) or information included.   |
|         |  |
| 11. 🛘   | An Information Disclosure Statement under 37 CFR 1.97 and 1.98.  |
|         |  |
| 12. 🗆   | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.            |
|         |  |
| 13. 🗹   | A FIRST preliminary amendment.   |
|         | A SECOND or SUBSEQUENT preliminary amendment.  |
|         |  |
| 14. 🗆   | A substitute specification.  |
|         |  |
| 15. 🗆   | A change of power of attorney and/or address letter.   |
|         |  |
| 16. 🗹   | Other items or information: (See attached Form PCT/ISA/210)  |

| U.S. APPLIC   | CATION NOT IF LOWN, S                  | see 7 & FR 1.5)  |           | RNATIONAL APPLICATION NO. 03/02534 |                 |              | CYS DOCKET NUMBER 23156/A/RAI 56/PCT |               |  |
|---|--|------------------|-----------|------------------------------------|-----------------|--------------|--------------------------------------|---------------|--|
| 17. 🗹   | The following for                      | ees are submitte | ed:       |                                    |                 | \$950.00     | CALCULATIONS                         | PTO USE ONLY  |  |
| BASIC NATIONAL FEE (37 CFR 1.492(a) (1)-(5)):   |  |                  |           |                                    |                 |              |                                      |               |  |
| Search Report has been prepared by the EPO or JPO   |  |                  |           |                                    |                 |              |                                      |               |  |
| International preliminary examination fee paid to USPTO (37 CFR 1.482)\$750.00  |  |                  |           |                                    |                 |              |                                      |               |  |
| No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$790.00  |  |                  |           |                                    |                 |              |                                      |               |  |
| Neither international preliminary examination fee (37 CFR 1.482) nor  |  |                  |           |                                    |                 |              |                                      |               |  |
| international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$1110.00 International preliminary examination fee paid to USPTO (37 CFR 1.482)   |  |                  |           |                                    |                 |              |                                      |               |  |
| and all claims satisfied provisions of PCT Article 33(2)-(4)  |  |                  |           |                                    |                 |              | 1                                    |               |  |
|   | ······································ | ENT              | TER APP   | PROPRIATE BASIC                    | FEE AMOL        | JNT =        | \$950.00                             |               |  |
| Surcharge of <b>\$130.00</b> for furnishing the oath of declaration later than \( \Boxed{1} \) 20 \( \Boxed{1} \) 30 months from the earliest claimed priority date (37 CFR 1.492(e)).                    |  |                  |           |                                    |                 |              | \$                                   |               |  |
|   | CLAIMS                                 | NUMBER I         |           | NUMBER EXTRA                       | RA <sup>*</sup> |              |                                      |               |  |
| Total cla   |  | 12               | - 20 =    | 0                                  | X \$1           |              | \$                                   |               |  |
|   | dent claims                            | 2                | -3 =      | 0                                  | X \$8           |              | \$                                   |               |  |
| MULTIP  | LE DEPENDEN                            | T CLAIM(S) (if a |           |                                    | + \$30          |              | \$                                   |               |  |
|   |  |                  |           | OTAL OF ABOVE C                    |                 |              | \$950.00                             |               |  |
| Reduction of 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).   |  |                  |           |                                    |                 | \$           |                                      |               |  |
|   |  |                  |           |                                    |                 | OTAL =       | \$950.00                             |               |  |
| Processing fee of \$130.00 for furnishing the English translation later than   20   30   months from the earliest claimed priority date (37 CFR 1.492(f)).   +  |  |                  |           |                                    | \$              |              |                                      |               |  |
| TOTAL NATIONAL FEE =  |  |                  |           |                                    |                 | \$950.00     |                                      |               |  |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +                                  |  |                  |           |                                    |                 | \$           |                                      |               |  |
|   |  |                  |           | TOTAL FEES EN                      | CLOSED:         | =            | \$                                   |               |  |
| į   |  |                  |           |                                    |                 |              | Amount to be: refunded               | \$            |  |
| _   |  |                  |           |                                    | •               |              | charged                              | \$950.00      |  |
| a. <b>☑</b>   | Please charge<br>A duplicate cop       |                  |           | 03-1935 in the amount of 3.        | \$950.00 to co  | ver the abo  | ve fees.                             | ·             |  |
| b. <b>☑</b>   | The Commission                         | oner is hereby a | uthorized | to charge any additional f         | ees which ma    | y be require | ed, or credit any ov                 | rerpayment to |  |
|   |  |                  |           | te copy of this sheet is er        |                 | •            | •                                    |               |  |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status. |  |                  |           |                                    |                 |              |                                      |               |  |
| SEND ALL CORRESPONDENCE TO:   |  |                  |           |                                    |                 |              |                                      |               |  |
| JoAnn Villamizar Patent Department SIGNATURE  |  |                  |           |                                    |                 | **           |                                      |               |  |
| 540 White Plains Road P.O. Box 2005 Tarrytown, NY 10591-9005 VAME   |  |                  |           |                                    |                 |              |                                      |               |  |
| Tarrytow  | 71, NT 10597-90                        | บว               |           |                                    | NAME<br>46,388  |              |                                      |               |  |
|   |  |                  |           |                                    |                 | RATION NUI   | MBER                                 |               |  |